AMENDMENTS TO THE SPECIFICATION

Please insert the following TITLE on page 1 before line 1:

-- AN IMPROVED PROCESS FOR THE PREPARATION OF A CELLULOSE SOLUTION FOR SPINNING OF FIBRES, FILAMENTS OR FILMS THEREFROM --

Please insert the following section headings on page 1, after the title and before line 1:

-- BACKGROUND OF THE INVENTION

1. Field of the Invention..--

Please insert the following section heading on page 1, at line 3:

-- 2. Description of the Related Art --

Please insert the following section heading on page 3, at line 9:

-- SUMMARY OF THE INVENTION --

Please insert the following headings and paragraph on page 9, at line 13:

-- BRIEF DESCRIPTION OF THE DRAWINGS

Figs. 1 and 2 show a schematic representation of a process line to practice the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS --

Please replace the paragraph on page 10, beginning at line 1, with the following replacement paragraph:

-- With the method of present invention, cellulose solution containing 7-28% cellulose can be made. The preferred concentration of cellulose is 12-22%. The amine oxide in the solution is in the range of 65-80% and preferably 70-78%. The water content is 5-15% and preferably 6-12%. The completeness of the dissolution is checked by monitoring the refractive index of the solution. When the refractive index reaches to a level of 1.490, it can be said that the cellulose has completely been dissolved. The dissolution completes within 40-150 min. The dissolved mass is further made homogeneous by passing through a homogenizer system - (4). The discharge from the homogenizer, is fed into filter-(5) and passed through static mixer (6) and pumped by (7) to a metering pump (8) of spinning system. The metered amount of dope is passed through spin pack (9) and extruded through spin-nerettes-(10) having a 50-250 micron

hole dia using dry jet-wet spinning technique. The air gap (11) between the jet surface and spin bath is usually from 5 mm to 1000 mm and preferably 50 mm to 250 mm. The spin bath (12) comprises of aqueous NMMO solution containing 1-40% NMMO preferably 5-25% and temperature 5-60 deg.C. preferably 20-30 deg.C. The take up speed of the filaments (13) are 30-400 m/min and preferably 50-150 m/min. The filaments are further washed to remove NMMO solution from the tow by a countercurrent washing method and then bleached, finished and dried. To impart crimp, the tow is passed through a stuffer box and then cut into staple (~~hot~~ not shown in figure 2). The used spin bath is collected in tank-(14) which is filtered through (15) and purified (16) spin bath is collected on top tank (17). The fibre properties of the invention have been tested and listed in various examples. --